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FACSIMILE COVER SHEET

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OUR REFERENCE: 213792

FROM: MARGARET M. KELTON

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TO: EXAMINER TUAN QUANG DAM
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C.

FACSIMILE NUMBER: (703) 746-7239

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RE: SHULMAN ET AL.

APPLICATION NO. 09/970,409

FILED: OCTOBER 3, 2001

TITLE: COMPUTER PROGRAMMING LANGUAGE STATEMENT BUILDING AND INFORMATION
TOOL

MESSAGE:

AMENDMENT TRANSMITTAL 1 PAGE (1 ORIGINAL + 1 COPY)

SUPPLEMENTAL RESPONSE TO OFFICE ACTION - 4 PAGES

AMENDMENTS TO SPECIFICATION, CLAIMS & ABSTRACT - 1 PAGE

PENDING CLAIMS AFTER AMENDMENT - 4 PAGES

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FORM PTO-1083

PATENT

Attorney Docket No. 213792

Date: November 25, 2002

In re Application of: Shulman et al.

Application No.: 09/970,409

Filed: October 3, 2001

For: COMPUTER PROGRAMMING LANGUAGE STATEMENT BUILDING AND INFORMATION TOOL

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is a response to an office action in the subject application.

☐ Applicants claim small entity status of this application under 37 CFR 1.27.Petition For Extension Of Time☐ Applicants petition for a extension of time under 37 CFR 1.136, the fee for which is \$0.00.☒ Applicants believe that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, Applicants hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.☒ No additional claim fee is required.☐ Other:

The claim fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL	14	MINUS	14	=	x 9=	\$	x 18=	\$
INDEPENDENT	4	MINUS	4	=	x 42=	\$	x 84=	\$
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 140=	\$	+ 280=	\$
					TOTAL	\$	TOTAL	\$

☐ Please charge my Deposit Account No. 12-1216 in the amount of \$. A duplicate copy of this sheet is attached.☐ A check in the amount of \$ is attached.☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.

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One of the Attorneys for Applicant(s)

PATENT
Attorney Docket No. 213792

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Shulman et al.

Art Unit: 2124

Application No.: 09/970,409

Examiner: Tuan Quang Dam

Filed: October 3, 2001

For: COMPUTER PROGRAMMING
LANGUAGE STATEMENT BUILDING
AND INFORMATION TOOL

#13/C
J. Caffrey
11-26-02

SUPPLEMENTAL RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In supplemental response to the Office Action dated March 29, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE ABSTRACT

Replace the ABSTRACT with:

21
An intelligent real time tool assists a computer programmer during the writing and/or maintenance of a computer program. The tool generates assist windows that contain program related information that the programmer can use to construct a programming language statement and/or to obtain real time information about a programming language statement. An assist window can be automatically displayed as determined by the tool itself, and/or manually displayed on